

FIG. 1

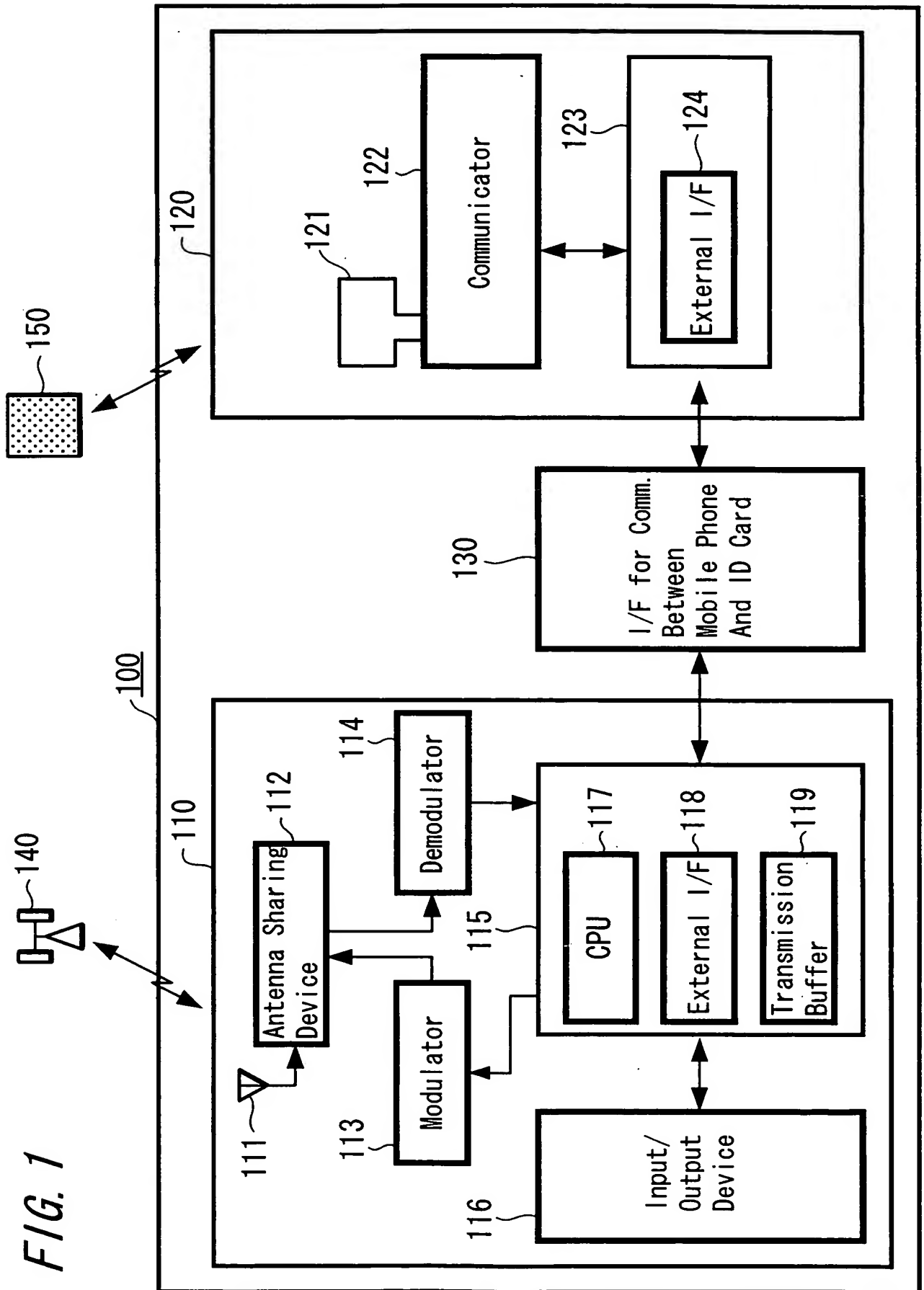


FIG. 2

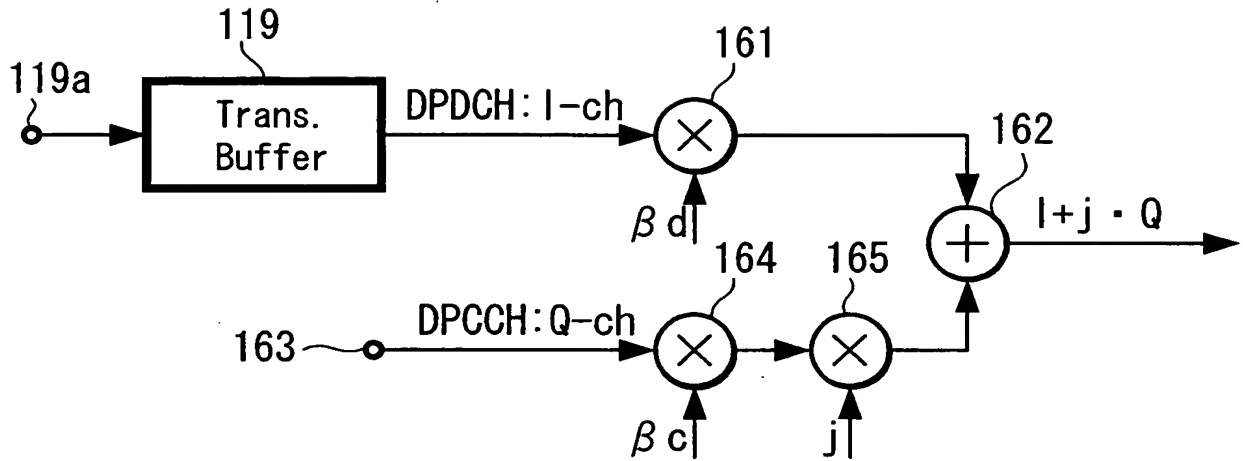


FIG. 3

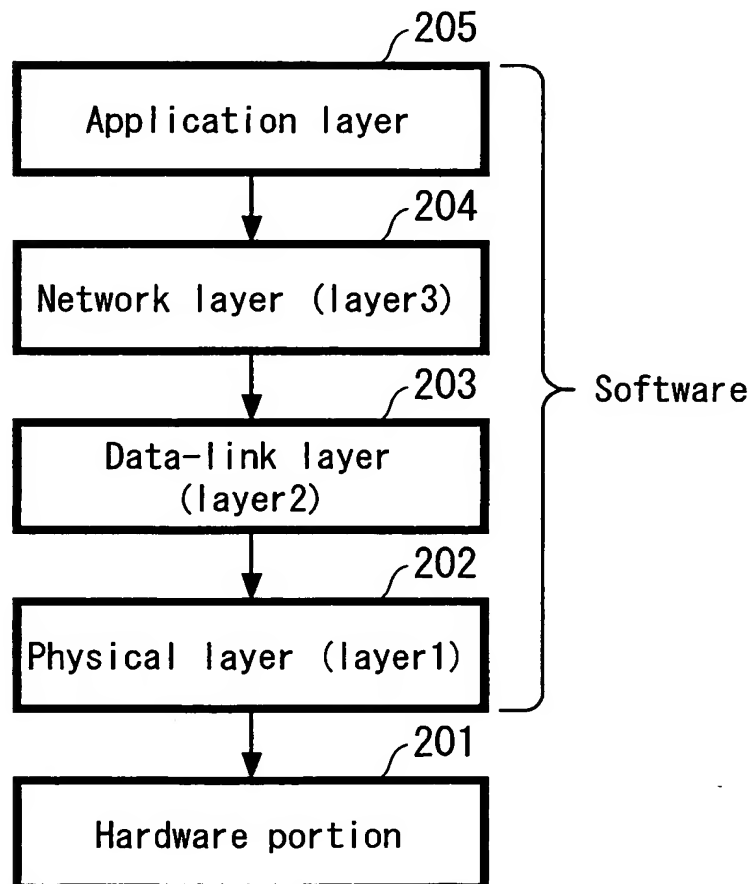


FIG. 4

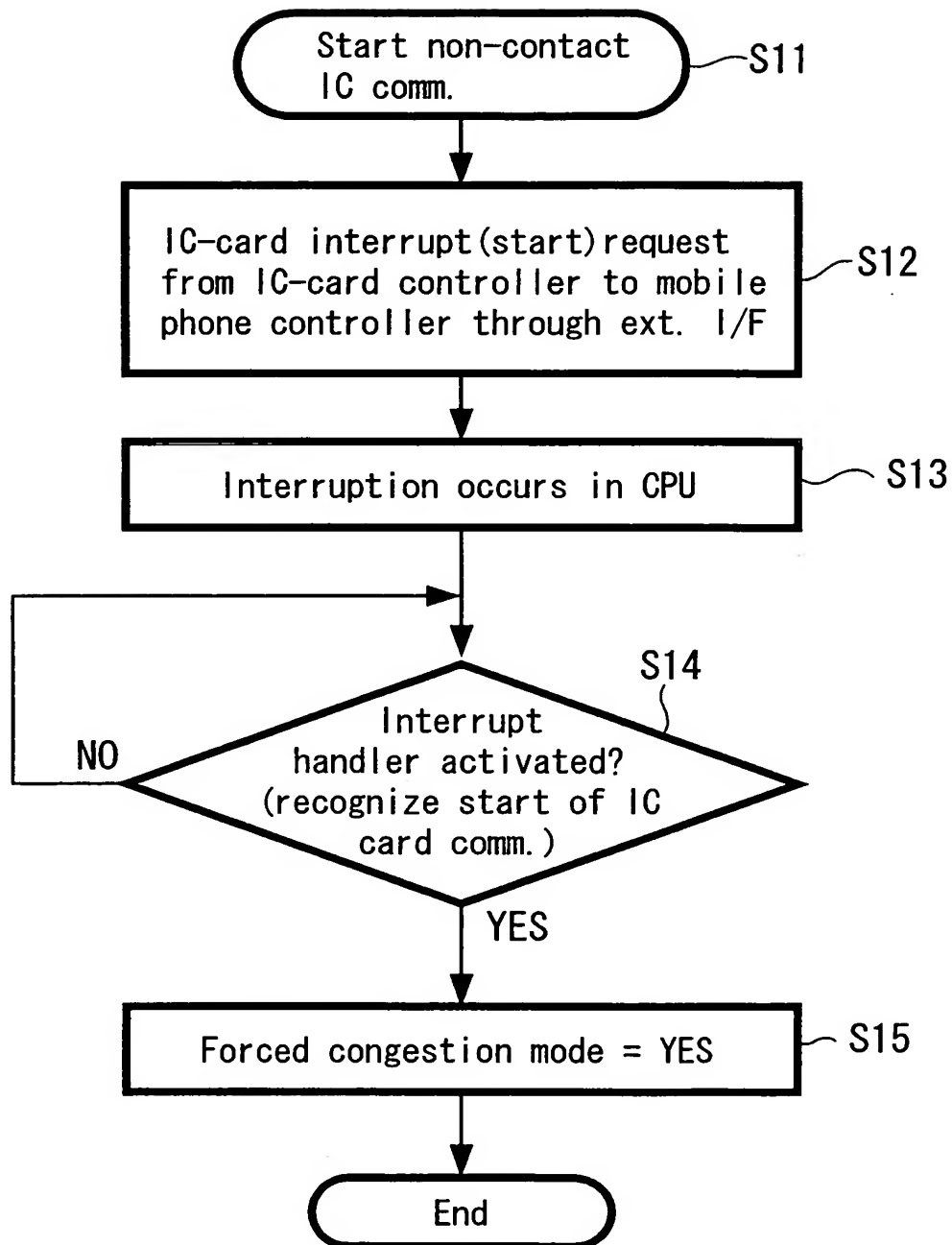


FIG. 5

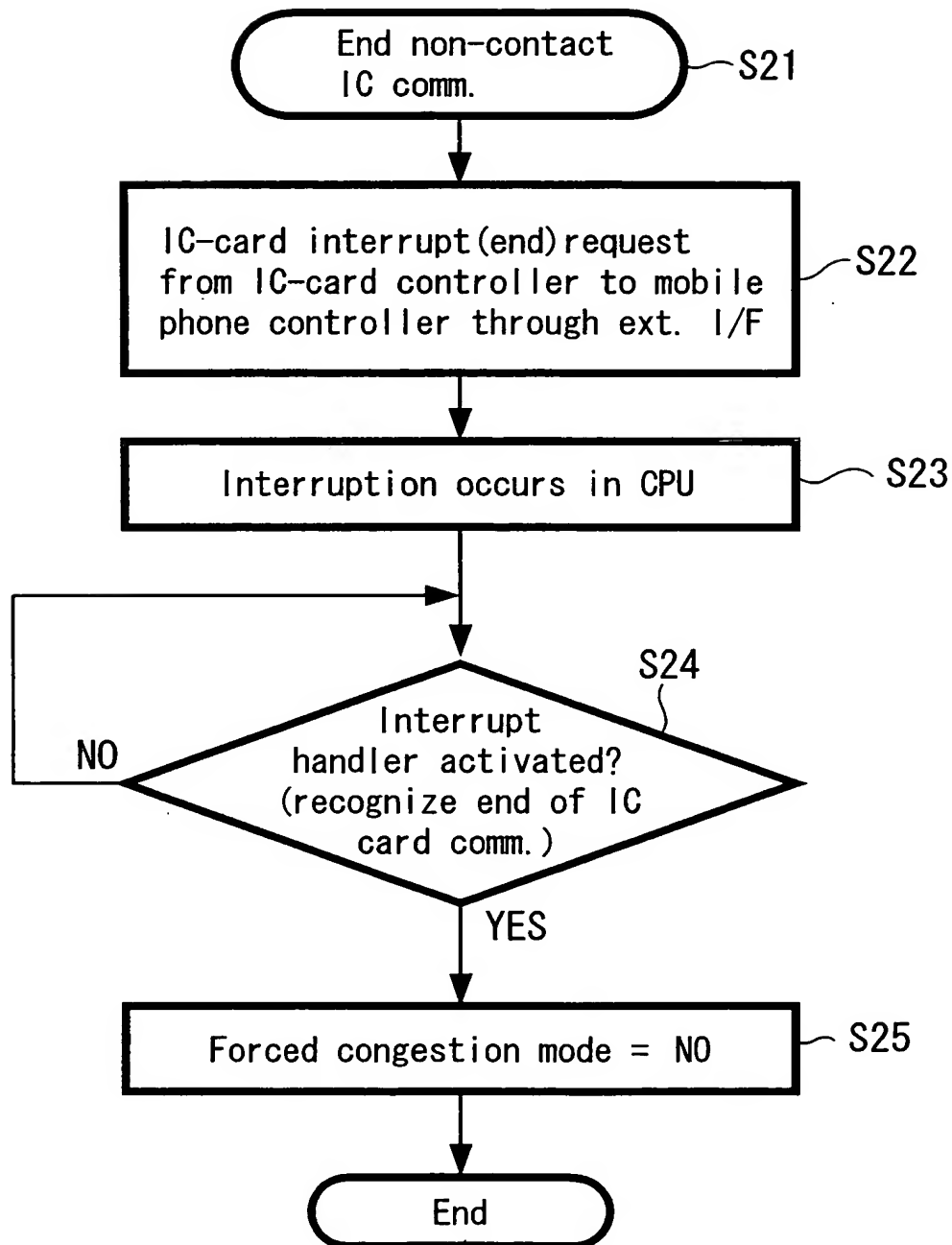


FIG. 6

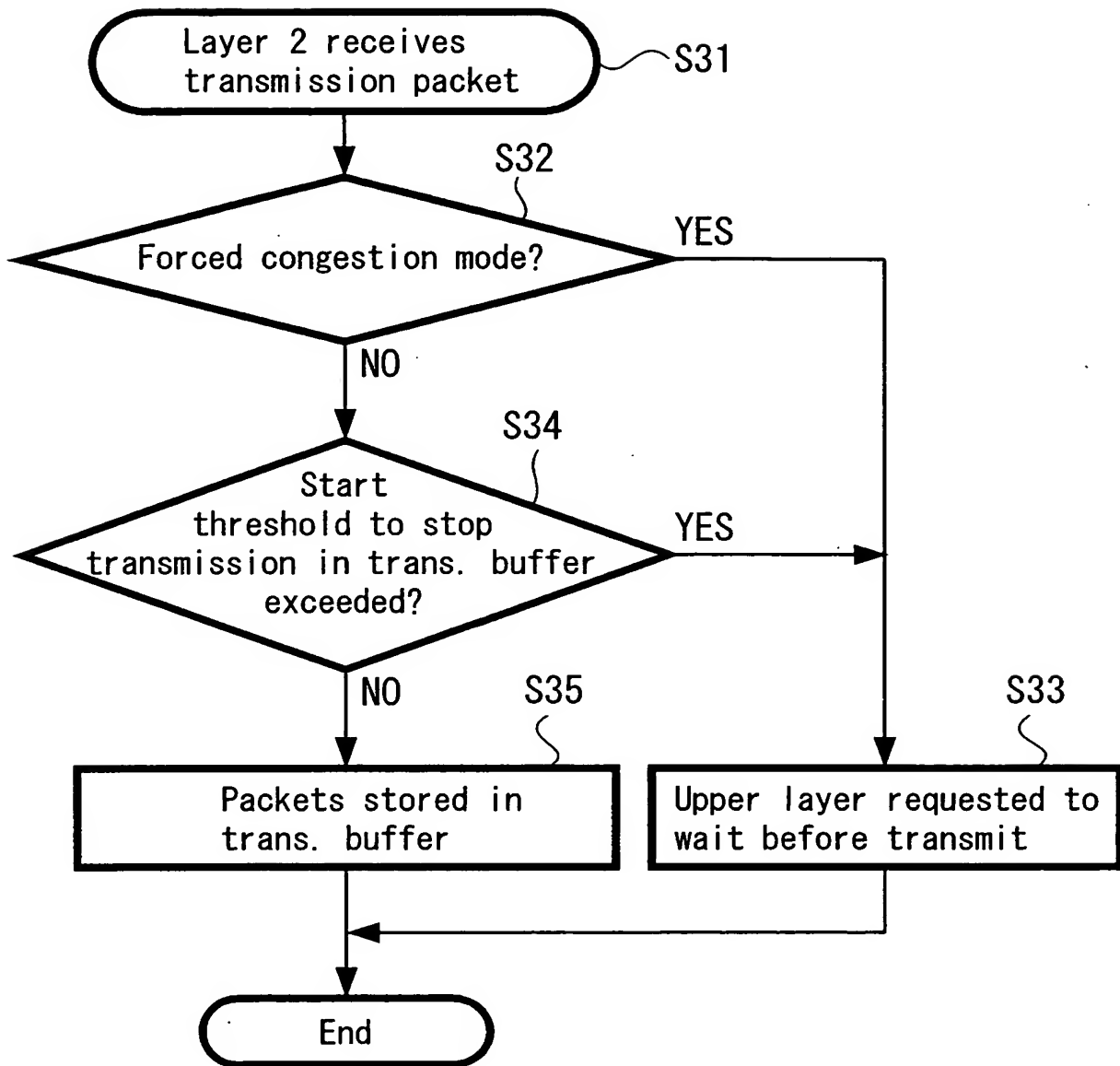
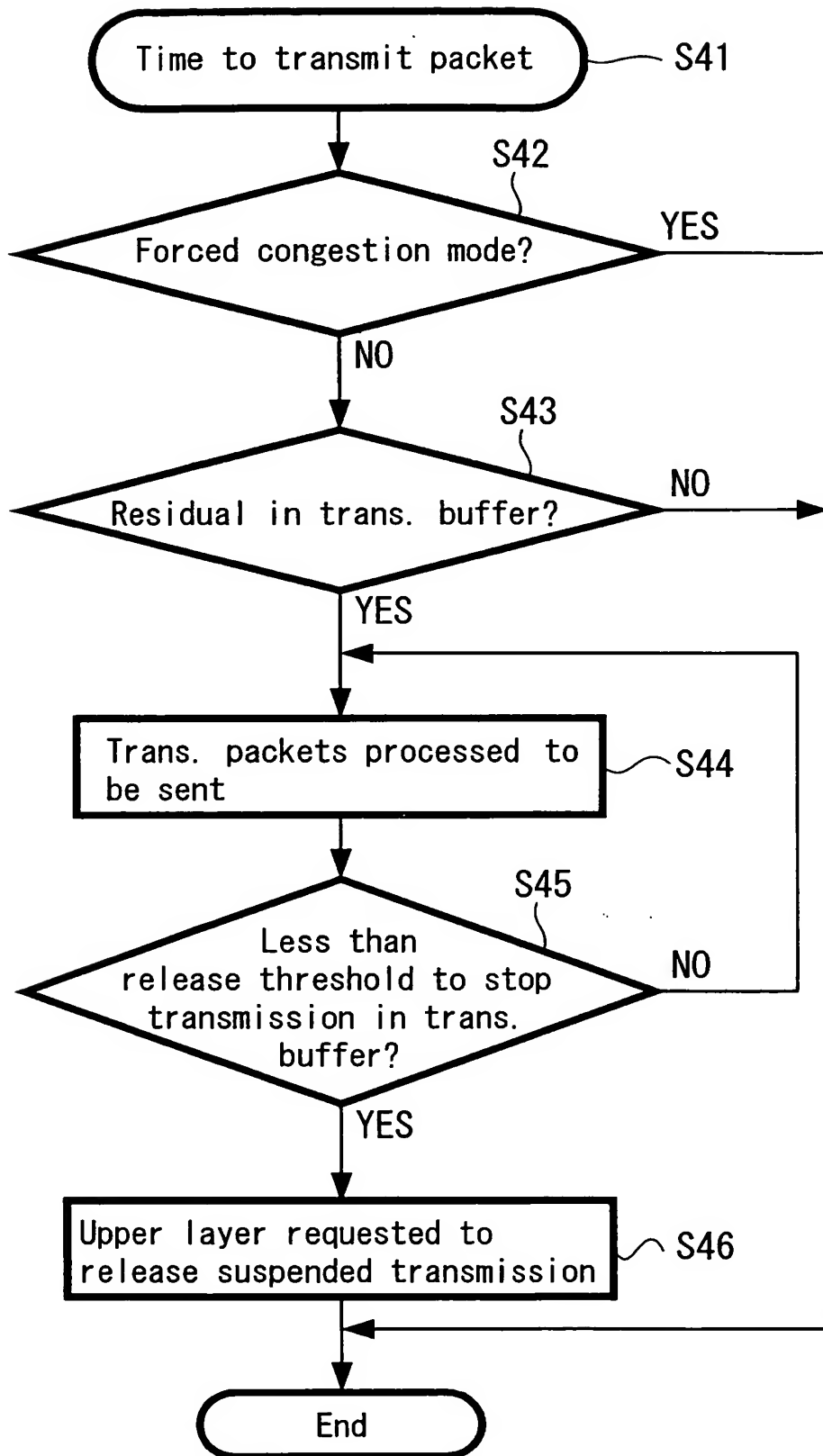


FIG. 7



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DESCRIPTION OF REFERENCE NUMERALS

100 ... MOBILE PHONE UNIT

110 ... MOBILE PHONE PART

111 ... ANTENNA

112 ... ANTENNA SHARING DEVICE

113 ... MODULATOR

114 ... DEMODULATOR

115 ... CONTROLLER

116 ... INPUT/OUTPUT DEVICE

117 ... CENTRAL PROCESSING UNIT (CPU)

118 ... EXTERNAL INTERFACE

119 ... TRANSMISSION BUFFER

119a .. TRANSMISSION DATA INPUT TERMINAL

120 ... NON-CONTACT IC CARD FUNCTION PART

121 ... SHORT RANGE COMMUNICATION LOOP ANTENNA

122 ... COMMUNICATOR

123 ... CONTROLLER

124 ... EXTERNAL INTERFACE

130 ... INTERFACE FOR COMMUNICATION BETWEEN MOBILE  
PHONE AND IC CARD

140 ... BASE STATION OF MOBILE PHONE

150 ... CARD READER/WRITER

161 ... MULTIPLIER

162 ... ADDER

163 ... CONTROL DATA INPUT TERMINAL

164, 165 .. MULTIPLIER

201 ... HARDWARE PORTION

202 ... PHYSICAL LAYER

203 ... DATA-LINK LAYER

204 ... NETWORK LAYER

205 ... APPLICATION LAYER